

Project Fact Sheet

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Powers Ferry Road at Nancy Creek Bridge Replacement Project

Project Overview:

The City of Atlanta is replacing the 105-foot long bridge over Nancy Creek on Powers Ferry Road, due to age and frequency of use. The existing bridge, built in 1948, has four-foot sidewalks on both sides. The new bridge will have wider sidewalks to better accommodate the volume of pedestrian users and will also provide connectivity with future bike lanes planned for Powers Ferry Road.

Project Description:

The proposed bridge will consist of two 12-foot travel lanes, two 4-foot bike lanes, and two 6-foot wide elevated sidewalks. The bridge sidewalk will be connected to the existing sidewalks on the east side (the golf course side). Minimal reconstruction of the existing 2-foot-high decorative, stone wall bordering the eastern sidewalk will be required. The drainage catch basins and their outfall structures at the south end of the bridge will be reconstructed.

The construction of the proposed bridge, approach slabs, drainage structures, and utility relocations should be possible with very minimal additional right-of-way and/or easements. To accommodate maintenance of the proposed bridge, approximately fifteen feet of additional right-of-way will need to be acquired on each side of Powers Ferry Road at and about the bridge.

Project Impact:

Replacement of the Powers Ferry Road Bridge over Nancy Creek will require a road closure and offsite detour of approximately two miles in length (see detour map on the reverse side of this project overview). This road closure should allow for a dramatically reduced construction schedule while minimizing required right-of-way and adverse effects to the stream that would occur as a result of construction of a detour bridge.

The bridge design will be based upon current Georgia Department of Transportation (GDOT) and Federal Emergency Management Agency (FEMA) requirements. As part of the bridge design effort, a hydraulic study is being performed to establish criteria, such as water elevation and flood frequency, which control the proposed design of the bridge.

It is anticipated that reconstruction of the Powers Ferry Road Bridge will require a minimum of a 4-month road closure. The start date of construction has not been finalized, but City engineers estimate it will begin in winter 2007.

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